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Product datasheet for AP51767PU-N

GALNT2 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	**ELISA:** 1/1000. **Western Blot:** 1/100-1/500. **Flow Cytometry:** 1/10-1/50. **Immunohistochemistry on Paraffin Sections:** 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 32~62 amino acids from the N-terminal region of human GALNT2
Specificity:	This antibody recognizes Human GALNT2 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	polypeptide N-acetylgalactosaminyltransferase 2
Database Link:	Entrez Gene 2590 Human Q10471

View online »

Background: GALNT2 encodes polypeptide N-acetylgalactosaminyltransferase 2, a member of the GalNAc-transferases family. This family transfers an N-acetyl galactosamine to the hydroxyl group of a serine or threonine residue in the first step of O-linked oligosaccharide biosynthesis. Individual GalNAc-transferases have distinct activities and initiation of O-glycosylation in a cell is regulated by a repertoire of GalNAc-transferases.

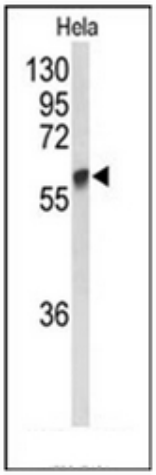
Synonyms: GalNAc transferase 2, pp-GaNTase 2, GalNAc-T2

Note: **Molecular Weight:** 64733 Da

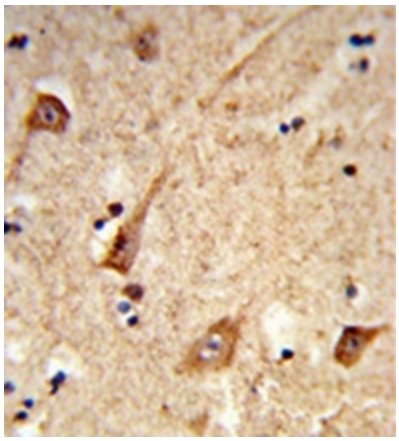
Protein Families: Secreted Protein, Transmembrane

Protein Pathways: Metabolic pathways, O-Glycan biosynthesis

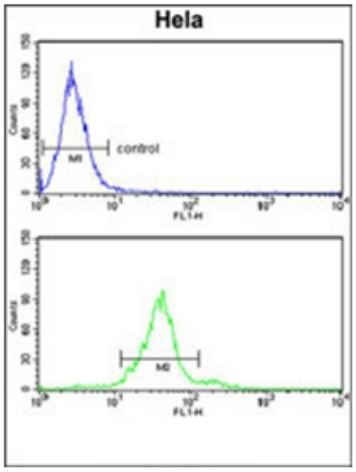
Product images:



Western blot analysis of GALNT2 Antibody (N-term) in Hela cell line lysates (35ug/lane). GALNT2 (arrow) was detected using the purified Pab.



Immunohistochemistry analysis in formalin-fixed and paraffin-embedded human brain tissue reacted with GALNT2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Flow cytometry analysis of Hela cells using GALNT2 Antibody (N-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.